

FIG. 1

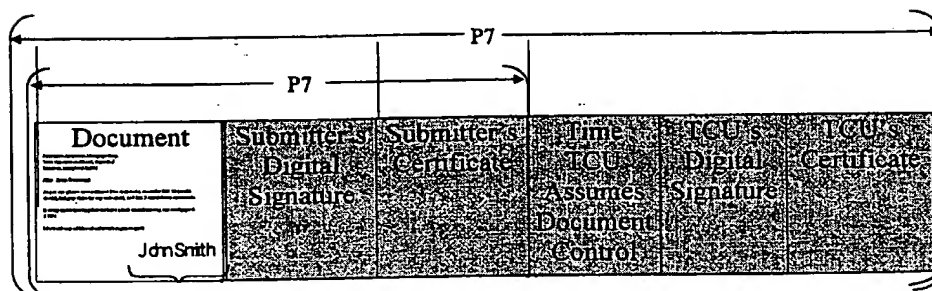


FIG. 1A

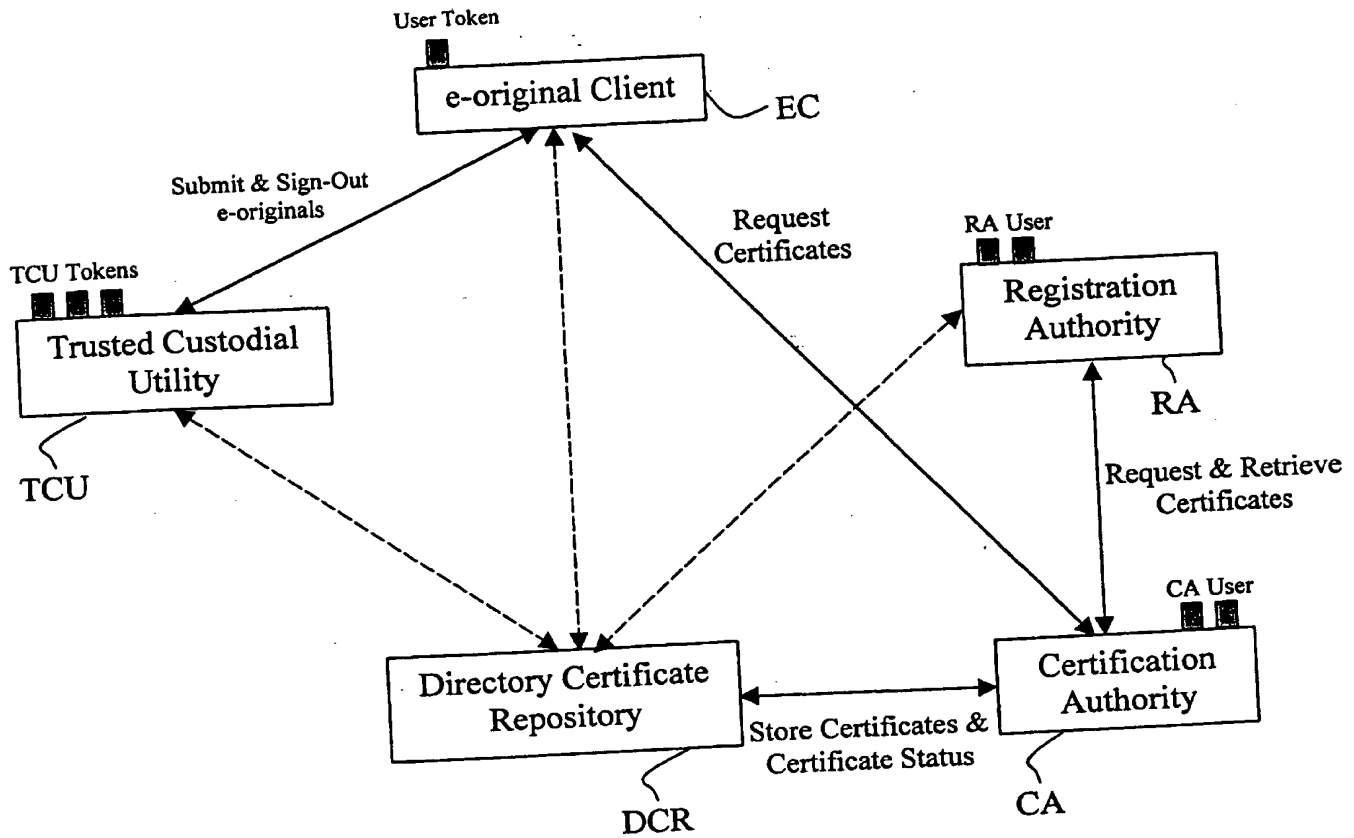


FIG. 2

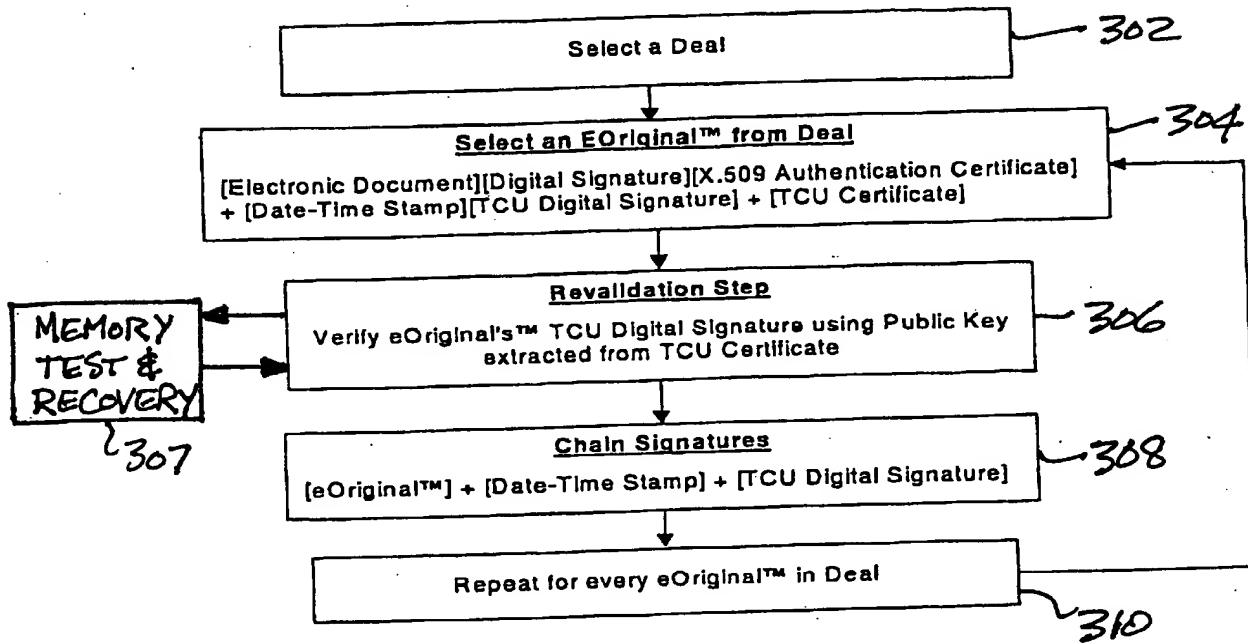


FIG. 3

### Digital Signature Chaining

|                       |                                  |                                    |                                 |  |  |                                 |  |  |
|-----------------------|----------------------------------|------------------------------------|---------------------------------|--|--|---------------------------------|--|--|
| Information<br>Object | Signer's<br>Digital<br>Signature | Signer's<br>Digital<br>Certificate | Date-Time<br>Stamp <sub>1</sub> | TCU's<br>Digital<br>Signature <sub>1</sub> | TCU's<br>Digital<br>Certificate <sub>1</sub> | Date-Time<br>Stamp <sub>2</sub> | TCU's<br>Digital<br>Signature <sub>2</sub> | TCU's<br>Digital<br>Certificate <sub>2</sub> |
|-----------------------|----------------------------------|------------------------------------|---------------------------------|--|--|---------------------------------|--|--|

eOriginal™ as Submitted

eJuvinated™ eOriginal™

FIG. 3A

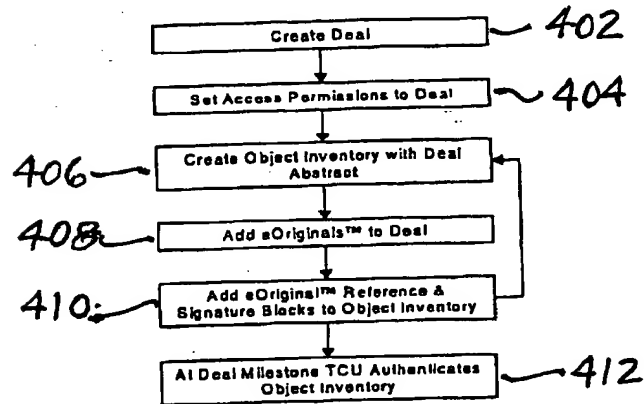


FIG. 4

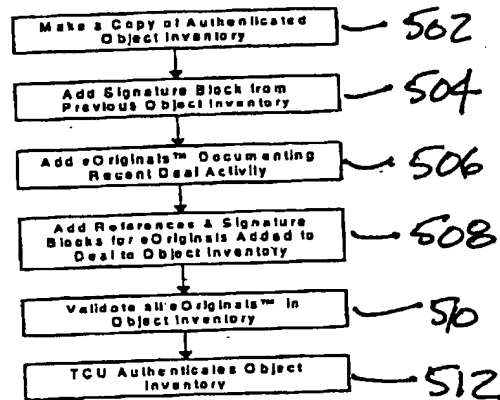


FIG. 5

FIG. 4A

Original Deal

|  |          |
|--|----------|
| [TN#212, OI#2-01<br>30 Mortgage @ 7 %<br>Property Description<br>Lender, Borrower] |          |
| TN#212-01  | TCU-DS01 |
| TN#212-02  | TCU-DS02 |
| TN#212-03  | TCU-DS03 |
| TN#212-04  | TCU-DS04 |

11/02/1997 10:20PM]OI02

FIG. 5A

Adding eOriginals

|  |          |
|--|----------|
| [TN#212, OI#2-02<br>30 Mortgage @ 7 %<br>Property Description<br>Lender, Borrower] |          |
| OI#2-01  | TCU-OI01 |
| TN#212-01  | TCU-DS01 |
| TN#212-02  | TCU-DS02 |
| TN#212-03  | TCU-DS03 |
| TN#212-04  | TCU-DS04 |
| TN#212-05  | TCU-DS05 |
| TN#212-06  | TCU-DS06 |

11/06/1997 11:00PM]OI03

DS01

TN#212-01  
Promissory Note

DS02

TN#212-02  
Property Description

DS03

TN#212-03  
Loan Application

DS04

TN#212-04

Adding new eOriginals

DS05

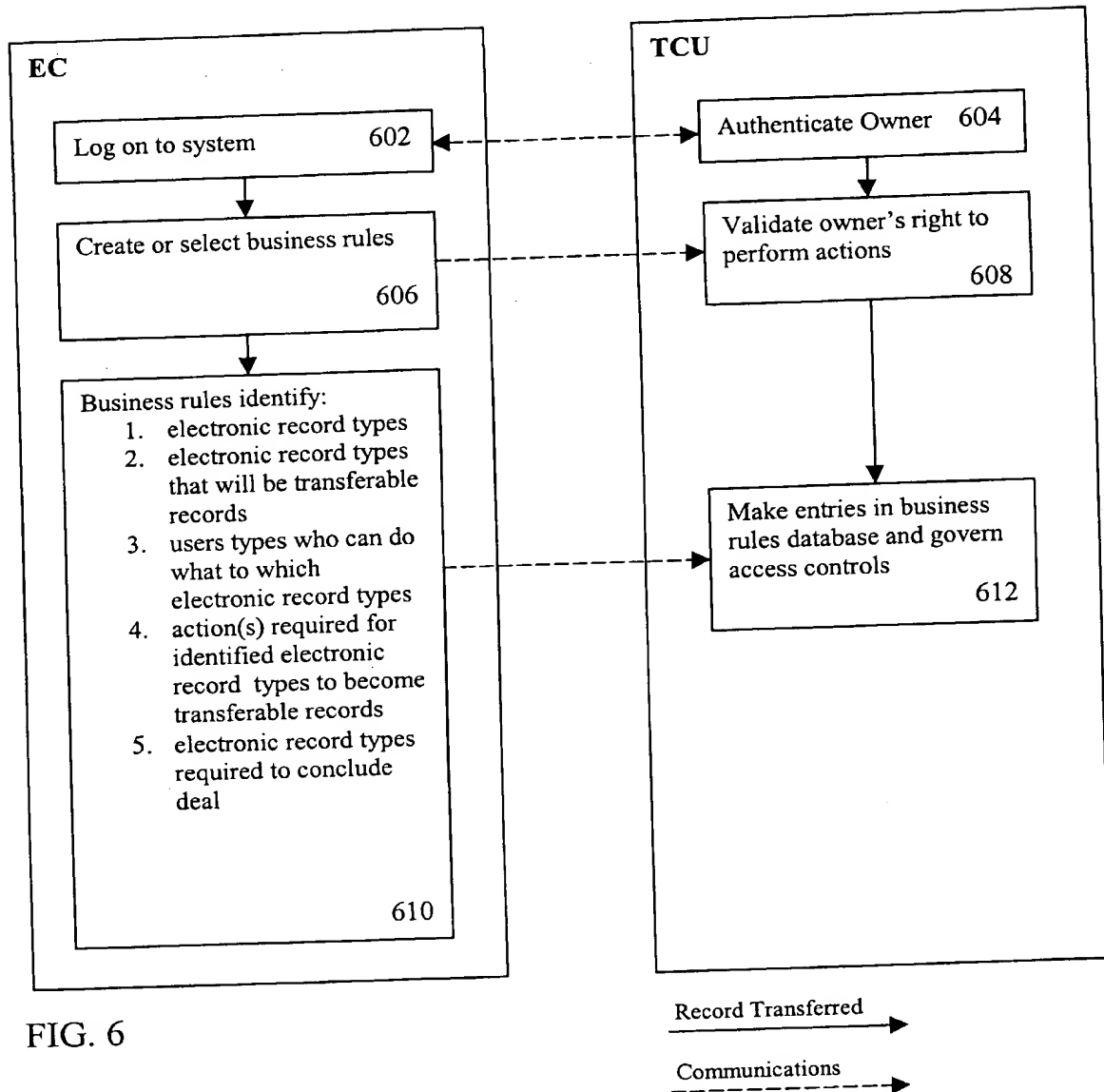
TN#212-05  
Assignment

DS06

TN#212-06  
Power of Attorney

00121" 5022260





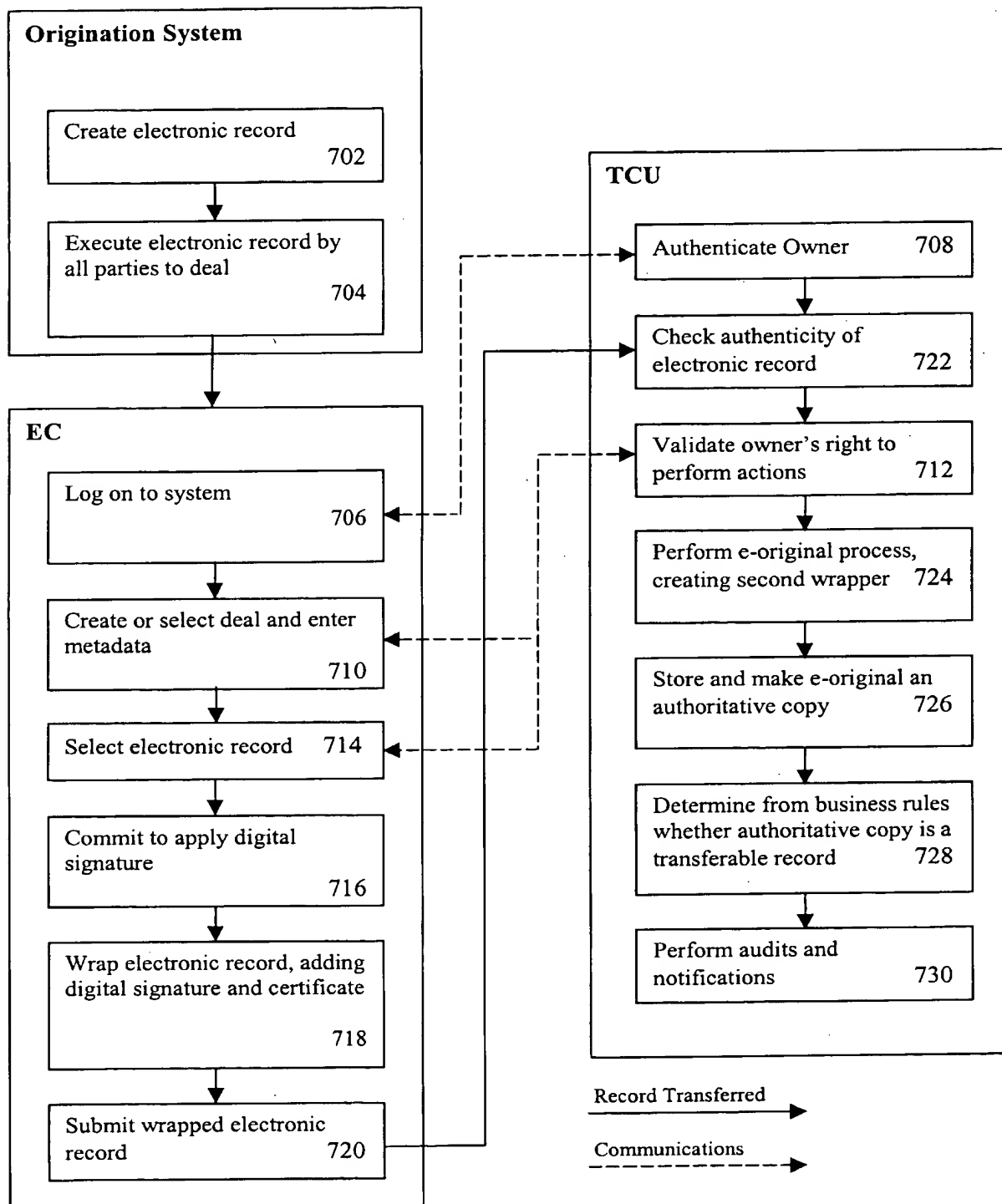


FIG. 7

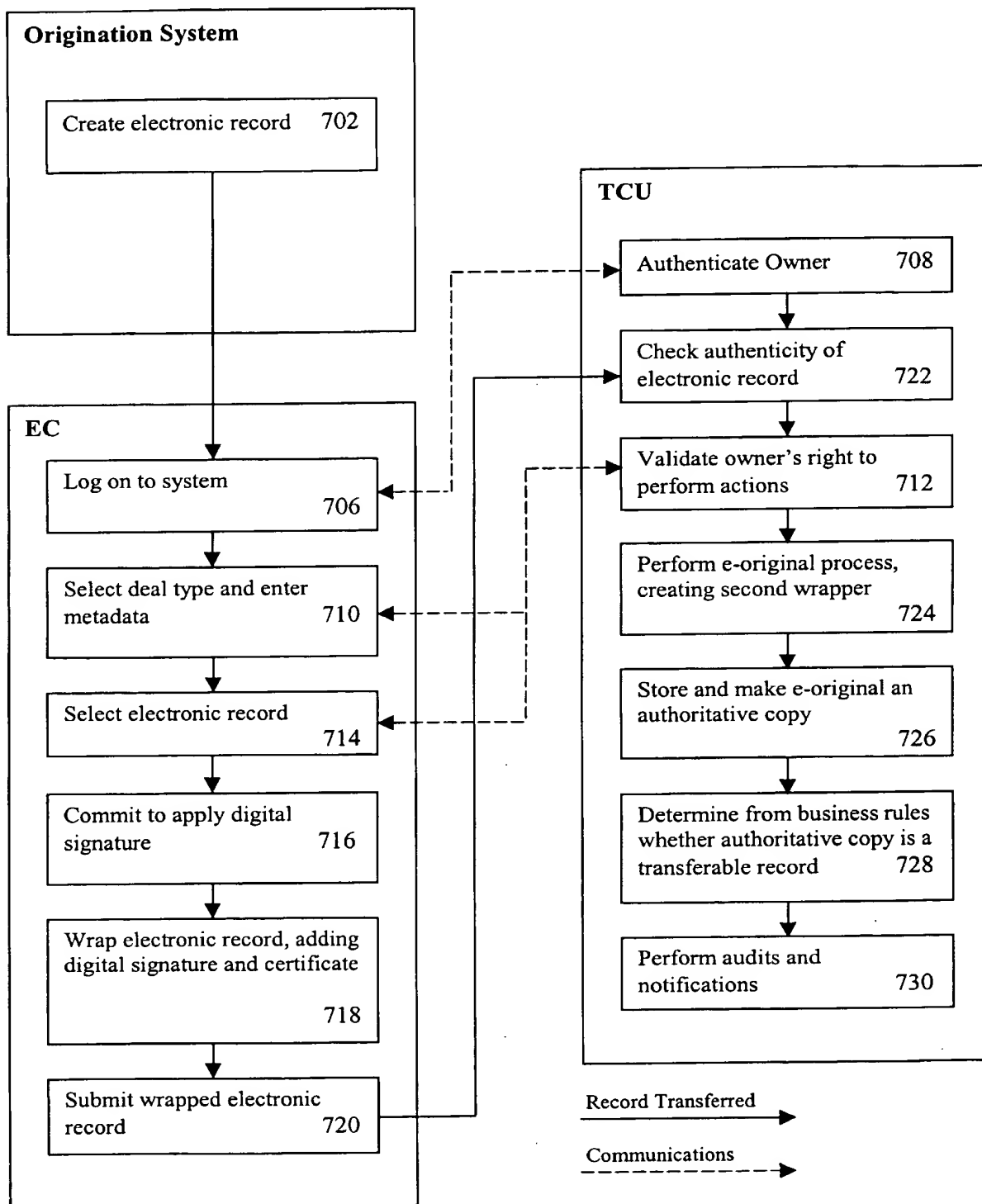
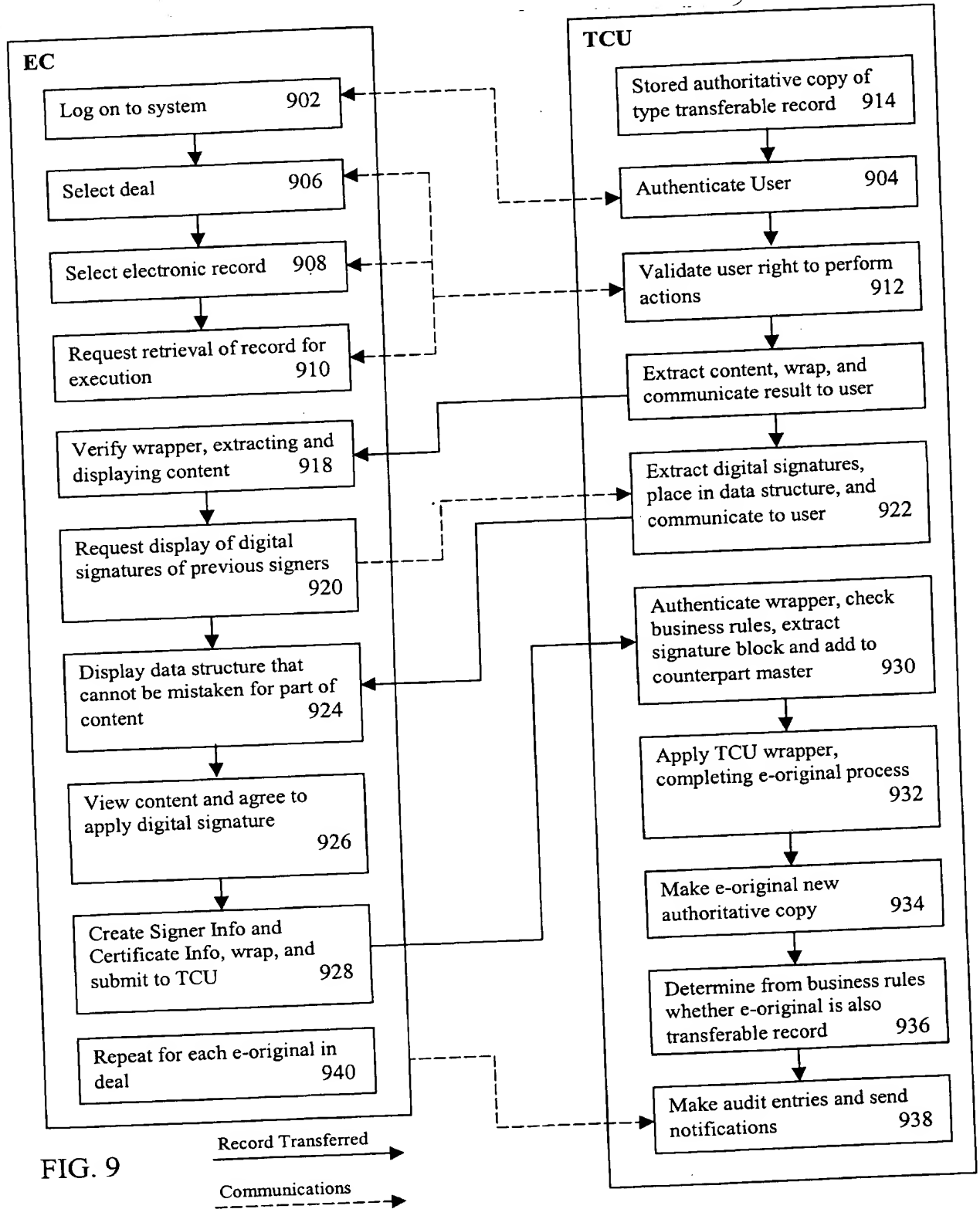
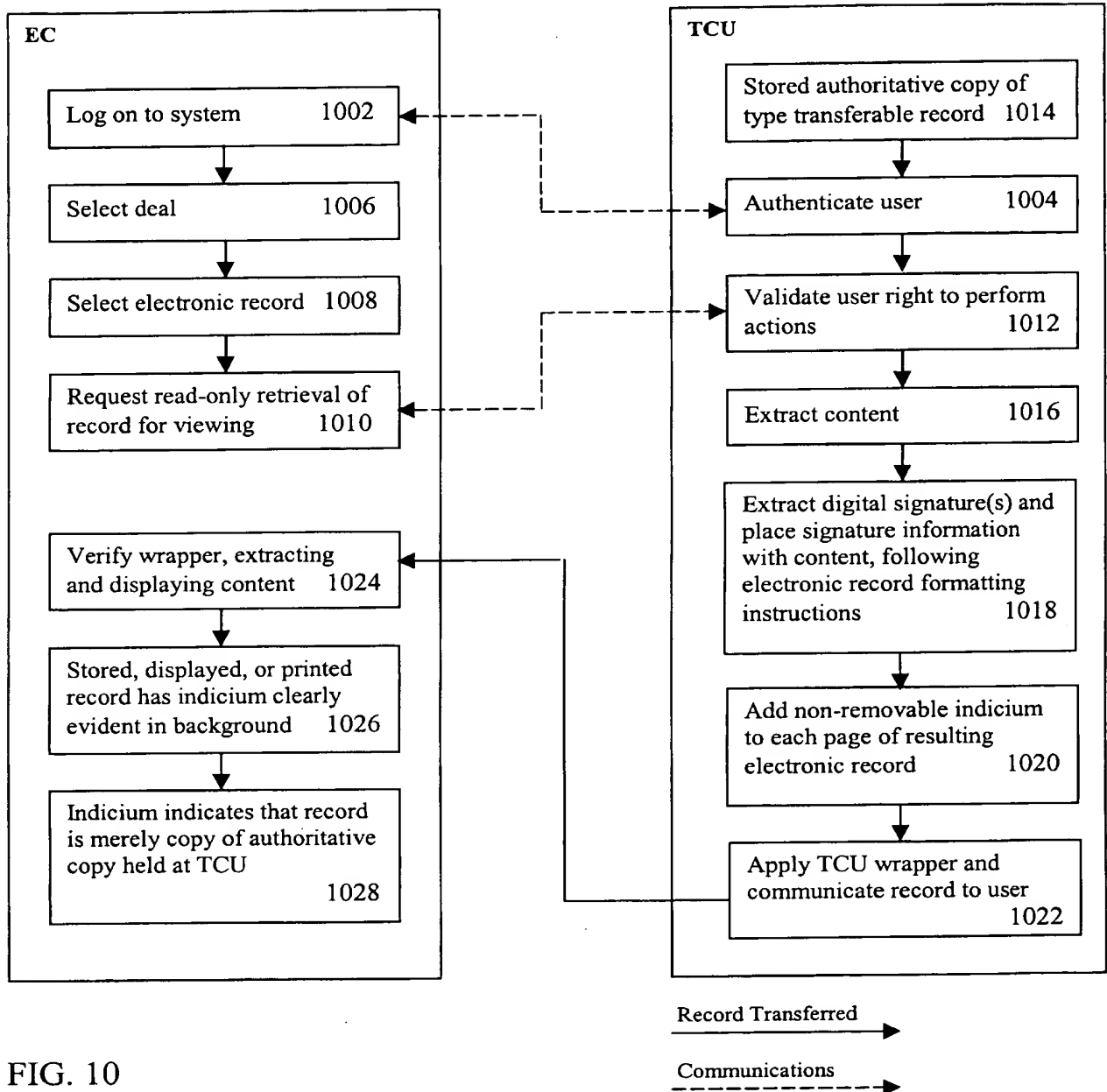


FIG. 8





**Signer Information**

SignerHashAlgorithmIdentifier

Hash of Content(s) + Authenticated Attributes

SignatureAlgorithmIdentifier+Digital Signature+Unauthenticated Attributes

**Certificate Information**

Certificate of Signer + Attribute Certificate

**Signature Block**

Signer Information (Signer Info)

Certificate Information (Cert Info)

FIG. 11

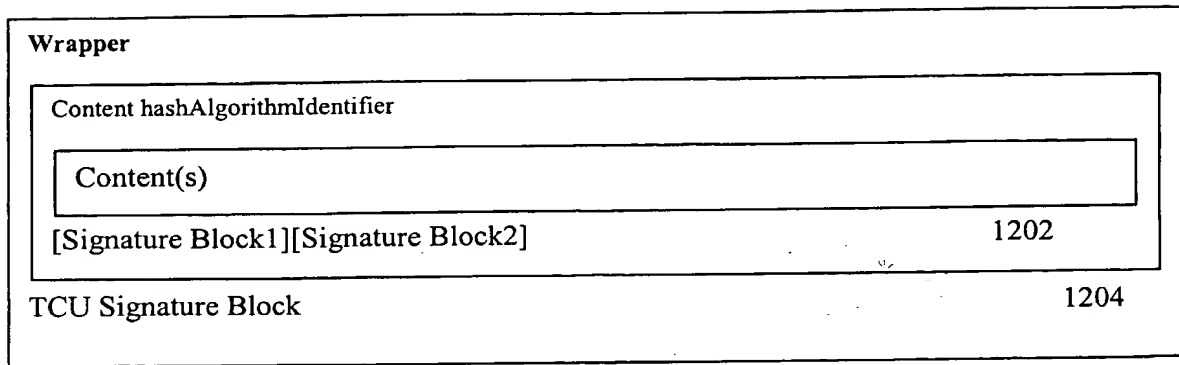


FIG. 12

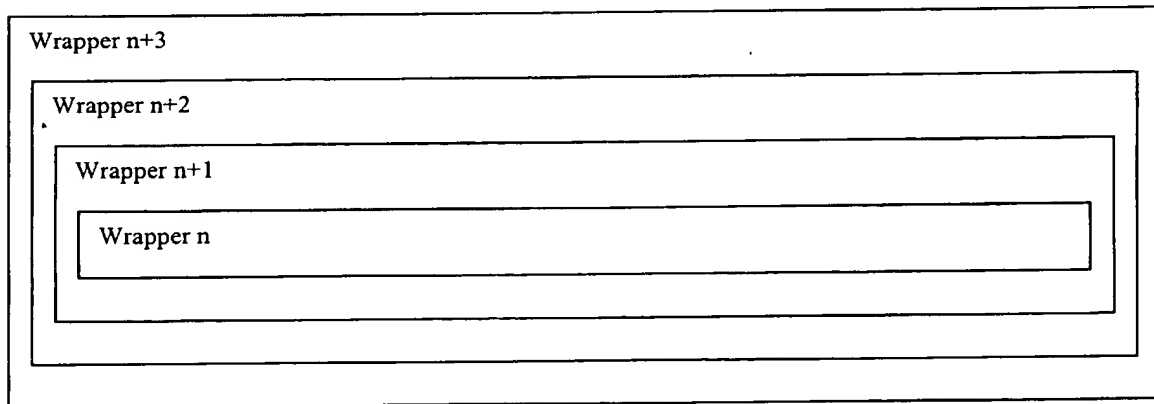


FIG. 13

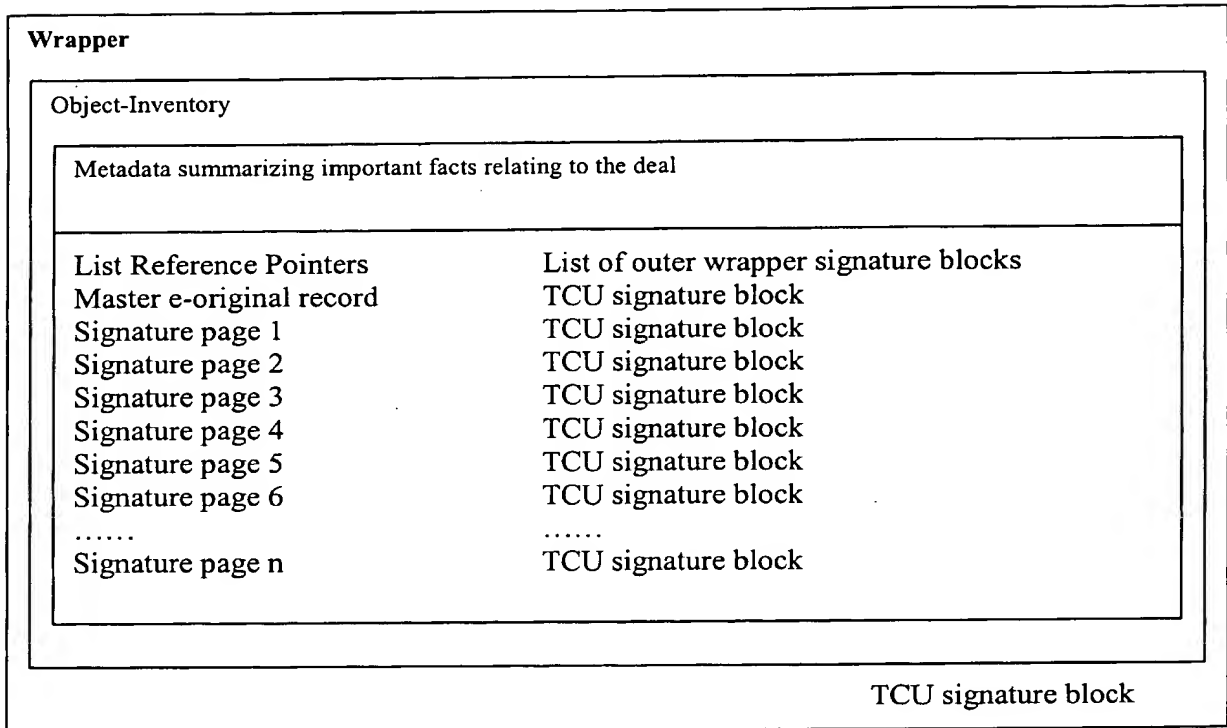


FIG. 14